

REV. Status
PRELIMINARY
08/29/00 MP

PRELIMINARY 1
ADDED UL
FILE #E20855
04/17/01 MP

ADSL transformer designed for use with Globespan IC chip G7266 (Quad Co)

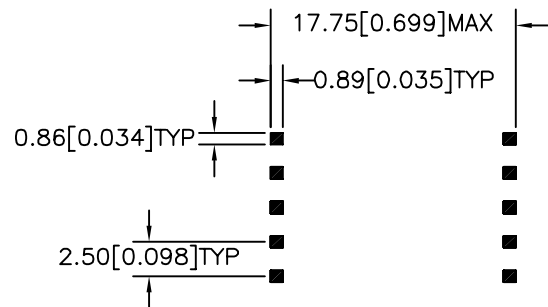
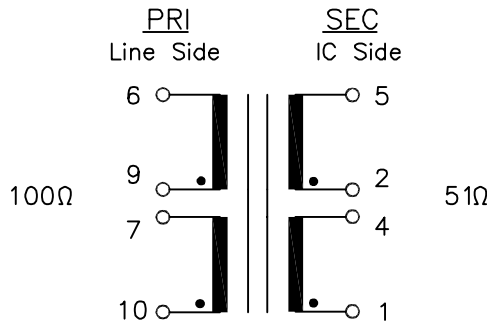
A. Electrical Specifications (@ 25°C)

1. Primary (Line side) Impedance; 100Ω
2. Secondary (IC side) Impedance; 51Ω
3. Insertion Loss; 0.5dB MAX @ 100KHz, 0dBm
4. Frequency Response, ±0.5dB @ 30KHz to 1.1MHz, 0dBm, 100KHz Ref.
5. Longitudinal Balance; 40dB MIN @ 30KHz to 1.1MHz, 0dBm (Per ITU method pin 1 grounded)
6. Primary Open Circuit Inductance; 441μH ±5% @ 10KHz, 0.1Vrms Measured (10-6) with 7 and 9 shorted
7. Leakage Inductance; 10μH MAX @ 100KHz, 0.1Vrms Measured (1-5) with 2 & 4, 7 & 9 and 6 & 10 shorted
8. Interwinding Capacitance; 30pF MAX @ 100KHz, 0.1Vrms Measured (1-10) with 2 & 4, and 7 & 9 shorted
9. Total Harmonic Distortion; -80dB MAX @ 100KHz
10. DC Resistance; (1-5)=0.80Ω MAX, with 2 & 4 shorted (6-10)=1.00Ω MAX, with 7 & 9 shorted
11. Turns Ratio; (1-5):(6-10)=1:1.40±2% 2 & 4, and 7 & 9 shorted
12. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

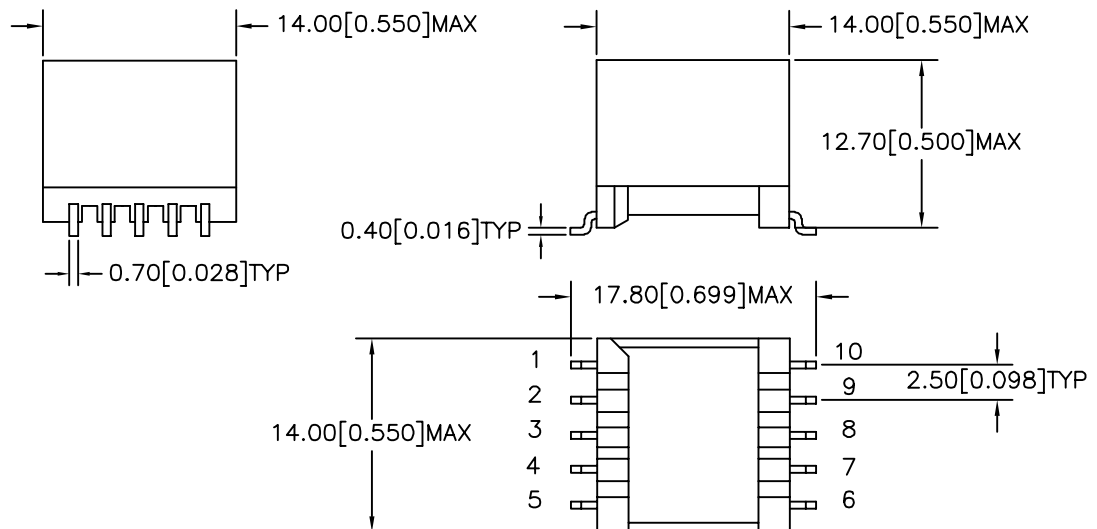
B. Marking; TTC-4060, TAMURA, date code and country of origin

C. Safety; UL1950 3rd Edition, UL60950

D. Schematic;

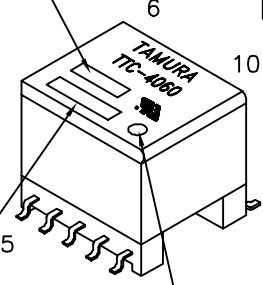


E. Mechanical Specifications;



UL# E208555

Factory Code & Date Code



MODEL NUMBER

TTC-4060

PREPARED BY:

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ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
P-A1-12580
ACAD\TTC\A1125801.DWG

REV
PR1

ADSL
TRANSFORMER

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TTC-4060

MODEL SPECIFICATION

DIM: mm(In) SCL: 2/1 SH: 1 OF 1

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